

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for ISOVALERALDEHYDE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acacia catechu	Plant	--	--		--
Camellia sinensis	Leaf	--	--		--
Cinnamomum camphora	Plant	--	--		--
Cymbopogon citratus	Plant	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Cymbopogon winterianus	Plant	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Eucalyptus brassiana	Leaf	--	0		Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Chemical Constituents of the Leaf Essential Oil of Eucalyptus brassiana S. T. Blake. Journal of Essential Oil Res. 3: 45-7.
Lavandula angustifolia	Flower	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Lavandula x intermedia	Plant	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Lycopersicon esculentum	Fruit	0.006	0.006		--
Malus domestica	Fruit	--	--		--
Mentha arvensis var. piperascens	Plant	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Mentha x piperita	Plant	--	--		--
Monarda fistulosa	Essential Oil	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Monarda punctata	Plant	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pavonia odorata	Root	150	150		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Pimenta dioica	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Santalum album</i>	Wood	--	--		--
<i>Solanum tuberosum</i>	Essential Oil	--	--		--
<i>Teucrium gnaphalodes</i>	Shoot	0.5	0.5	-1	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian Teucrium Species. <i>J. Ess. Oil Res.</i> 5: 397-402.
<i>Teucrium polium</i>	Shoot	7	7	1	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian Teucrium Species. <i>J. Ess. Oil Res.</i> 5: 397-402.
<i>Zea mays</i>	Shoot	--	--		--
<i>Zingiber officinale</i>	Essential Oil	--	--		Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of <i>Glycyrrhiza-glabra</i> . <i>Nippon Gogeikagaku Kaishi</i> 61(9): 1119-1122.
<i>Zingiber officinale</i>	Rhizome	--	--		--